

Client Sample Results

Client: City of Hillsboro, OR
Project/Site: Semi-Annual Joint Water Commission

Job ID: 170-1929-1

Client Sample ID: JWTP Finished Water - Site ID #1

Lab Sample ID: 170-1929-1

Date Collected: 11/05/25 08:31

Matrix: Drinking Water

Date Received: 11/05/25 13:40

PWSID Number: OR4100379

Method: EPA-DW 524.2 - Total Trihalomethanes

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trihalomethanes, Total	0.018		0.00050		mg/L			11/12/25 15:49	1

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00050		mg/L			11/12/25 15:49	1
1,1,1-Trichloroethane	ND		0.00050		mg/L			11/12/25 15:49	1
1,1,2-Trichloroethane	ND		0.00050		mg/L			11/12/25 15:49	1
1,1-Dichloroethene	ND		0.00050		mg/L			11/12/25 15:49	1
1,2,4-Trichlorobenzene	ND		0.00050		mg/L			11/12/25 15:49	1
1,1,2,2-Tetrachloroethane	ND		0.00050		mg/L			11/12/25 15:49	1
o-Dichlorobenzene	ND		0.00050		mg/L			11/12/25 15:49	1
1,2-Dichloroethane	ND		0.00050		mg/L			11/12/25 15:49	1
1,2-Dichloropropane	ND		0.00050		mg/L			11/12/25 15:49	1
1,1-Dichloroethane	ND		0.00050		mg/L			11/12/25 15:49	1
p-Dichlorobenzene	ND		0.00050		mg/L			11/12/25 15:49	1
Benzene	ND		0.00050		mg/L			11/12/25 15:49	1
1,1-Dichloropropene	ND		0.00050		mg/L			11/12/25 15:49	1
Carbon tetrachloride	ND		0.00050		mg/L			11/12/25 15:49	1
Chlorobenzene	ND		0.00050		mg/L			11/12/25 15:49	1
1,2,3-Trichlorobenzene	ND		0.00050		mg/L			11/12/25 15:49	1
cis-1,2-Dichloroethene	ND		0.00050		mg/L			11/12/25 15:49	1
Ethylbenzene	ND		0.00050		mg/L			11/12/25 15:49	1
1,2,3-Trichloropropane	ND		0.00050		mg/L			11/12/25 15:49	1
Methylene Chloride	ND		0.00050		mg/L			11/12/25 15:49	1
m-Xylene & p-Xylene	ND		0.00050		mg/L			11/12/25 15:49	1
o-Xylene	ND		0.00050		mg/L			11/12/25 15:49	1
Styrene	ND		0.00050		mg/L			11/12/25 15:49	1
1,2,4-Trimethylbenzene	ND		0.00050		mg/L			11/12/25 15:49	1
Tetrachloroethene	ND		0.00050		mg/L			11/12/25 15:49	1
Toluene	ND		0.00050		mg/L			11/12/25 15:49	1
1,2-Dibromo-3-Chloropropane	ND		0.00050		mg/L			11/12/25 15:49	1
trans-1,2-Dichloroethene	ND		0.00050		mg/L			11/12/25 15:49	1
Ethylene Dibromide	ND		0.00050		mg/L			11/12/25 15:49	1
Trichloroethene	ND		0.00050		mg/L			11/12/25 15:49	1
Vinyl chloride	ND		0.00050		mg/L			11/12/25 15:49	1
Xylenes, Total	ND		0.00050		mg/L			11/12/25 15:49	1
1,3,5-Trimethylbenzene	ND		0.00050		mg/L			11/12/25 15:49	1
1,3-Dichlorobenzene	ND		0.00050		mg/L			11/12/25 15:49	1
1,3-Dichloropropane	ND		0.00050		mg/L			11/12/25 15:49	1
2,2-Dichloropropane	ND		0.00050		mg/L			11/12/25 15:49	1
2-Chlorotoluene	ND		0.00050		mg/L			11/12/25 15:49	1
4-Chlorotoluene	ND		0.00050		mg/L			11/12/25 15:49	1
4-Isopropyltoluene	ND		0.00050		mg/L			11/12/25 15:49	1
Bromobenzene	ND		0.00050		mg/L			11/12/25 15:49	1
Chlorobromomethane	ND		0.00050		mg/L			11/12/25 15:49	1
Dichlorobromomethane	0.0027		0.00050		mg/L			11/12/25 15:49	1
Chloroform	0.015		0.00050		mg/L			11/12/25 15:49	1
Chlorodibromomethane	ND		0.00050		mg/L			11/12/25 15:49	1
Chloroethane	ND		0.00050		mg/L			11/12/25 15:49	1
Bromoform	ND		0.00050		mg/L			11/12/25 15:49	1

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Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.00050		mg/L			11/12/25 15:49	1
trans-1,3-Dichloropropene	ND		0.00050		mg/L			11/12/25 15:49	1
Dibromomethane	ND		0.00050		mg/L			11/12/25 15:49	1
Dichlorodifluoromethane	ND		0.00050		mg/L			11/12/25 15:49	1
Hexachlorobutadiene	ND		0.00050		mg/L			11/12/25 15:49	1
Isopropylbenzene	ND		0.00050		mg/L			11/12/25 15:49	1
Bromomethane	ND		0.00050		mg/L			11/12/25 15:49	1
Chloromethane	ND		0.00050		mg/L			11/12/25 15:49	1
Methyl tert-butyl ether	ND		0.00050		mg/L			11/12/25 15:49	1
n-Butylbenzene	ND		0.00050		mg/L			11/12/25 15:49	1
N-Propylbenzene	ND		0.00050		mg/L			11/12/25 15:49	1
Naphthalene	ND		0.00050		mg/L			11/12/25 15:49	1
sec-Butylbenzene	ND		0.00050		mg/L			11/12/25 15:49	1
tert-Butylbenzene	ND		0.00050		mg/L			11/12/25 15:49	1
Trichlorofluoromethane	ND		0.00050		mg/L			11/12/25 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	107		70 - 130		11/12/25 15:49	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 130		11/12/25 15:49	1
1,4-Difluorobenzene (Surr)	106		70 - 130		11/12/25 15:49	1
4-Bromofluorobenzene	93		70 - 130		11/12/25 15:49	1
Toluene-d8 (Surr)	103		70 - 130		11/12/25 15:49	1

Method: EPA 525.2 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alachlor	ND		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Atrazine	ND	+	0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Benzo[a]pyrene	ND		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Bis(2-ethylhexyl) adipate	ND		0.00040		mg/L		11/12/25 16:41	11/14/25 00:00	1
Bis(2-ethylhexyl) phthalate	ND	+	0.00060		mg/L		11/12/25 16:41	11/14/25 00:00	1
Aldrin	ND		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Endrin	ND		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
gamma-BHC (Lindane)	ND		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Heptachlor	ND		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Heptachlor epoxide	ND		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Hexachlorobenzene	ND		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Hexachlorocyclopentadiene	0.00011		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Methoxychlor	ND		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Simazine	ND		0.000070		mg/L		11/12/25 16:41	11/14/25 00:00	1
Butachlor	ND		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Dieldrin	ND		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Metribuzin	ND	-	0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Propachlor	ND		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1
Metolachlor	ND		0.00010		mg/L		11/12/25 16:41	11/14/25 00:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,3-Dimethyl-2-nitrobenzene (Surr)	98		70 - 130	11/12/25 16:41	11/14/25 00:00	1
Perylene-d12	100		70 - 130	11/12/25 16:41	11/14/25 00:00	1
Pyrene-d10	105		70 - 130	11/12/25 16:41	11/14/25 00:00	1
Triphenylphosphate	119		70 - 130	11/12/25 16:41	11/14/25 00:00	1

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Method: EPA-DW 548.1 - Endothall (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endothall	ND		0.0050		mg/L		11/12/25 13:31	11/18/25 17:20	1

Method: EPA-DW2 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		0.000010		mg/L		11/07/25 12:50	11/07/25 18:58	1
1,2-Dibromoethane	ND		0.000010		mg/L		11/07/25 12:50	11/07/25 18:58	1
1,2,3-Trichloropropane	ND		0.000010		mg/L		11/07/25 12:50	11/07/25 18:58	1

Method: EPA 508.1 - Chlorinated Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.00020		mg/L		11/12/25 16:41	11/12/25 23:41	1
Toxaphene	ND		0.0010		mg/L		11/12/25 16:41	11/12/25 23:41	1
PCB-1016	ND		0.00010		mg/L		11/12/25 16:41	11/12/25 23:41	1
PCB-1221	ND		0.00050		mg/L		11/12/25 16:41	11/12/25 23:41	1
PCB-1232	ND		0.00050		mg/L		11/12/25 16:41	11/12/25 23:41	1
PCB-1242	ND		0.00030		mg/L		11/12/25 16:41	11/12/25 23:41	1
PCB-1248	ND		0.00010		mg/L		11/12/25 16:41	11/12/25 23:41	1
PCB-1254	ND		0.00010		mg/L		11/12/25 16:41	11/12/25 23:41	1
PCB-1260	ND		0.00010		mg/L		11/12/25 16:41	11/12/25 23:41	1
Polychlorinated biphenyls, Total	ND		0.00020		mg/L		11/12/25 16:41	11/12/25 23:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	90		70 - 130	11/12/25 16:41	11/12/25 23:41	1
Tetrachloro-m-xylene	89		70 - 130	11/12/25 16:41	11/12/25 23:41	1

Method: EPA-DW 515.4 - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.00010		mg/L		11/07/25 12:02	11/08/25 13:42	1
Dalapon	ND		0.00050		mg/L		11/07/25 12:02	11/08/25 13:42	1
Dinoseb	ND		0.00010		mg/L		11/07/25 12:02	11/08/25 13:42	1
Pentachlorophenol	ND		0.000040		mg/L		11/07/25 12:02	11/08/25 13:42	1
Picloram	ND		0.00010		mg/L		11/07/25 12:02	11/08/25 13:42	1
Silvex (2,4,5-TP)	ND		0.00010		mg/L		11/07/25 12:02	11/08/25 13:42	1
Dicamba	ND		0.00010		mg/L		11/07/25 12:02	11/08/25 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-DCAA	93		70 - 130	11/07/25 12:02	11/08/25 13:42	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	18		0.20		mg/L			11/07/25 16:53	1

Method: EPA 531.2 - Carbamate Pesticides (HPLC) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldicarb	ND		0.00050		mg/L			11/19/25 18:19	1
Aldicarb sulfone	ND		0.00050		mg/L			11/19/25 18:19	1
Aldicarb sulfoxide	ND		0.00050		mg/L			11/19/25 18:19	1
Carbaryl	ND		0.00050		mg/L			11/19/25 18:19	1
Carbofuran	ND		0.00050		mg/L			11/19/25 18:19	1
Methomyl	ND		0.00050		mg/L			11/19/25 18:19	1
Oxamyl	ND		0.00050		mg/L			11/19/25 18:19	1

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Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromo-3,5-Dimethylphenyl-N-methylcarbamate	87		70 - 130					11/19/25 18:19	1
Method: EPA 547 - Glyphosate (DAI HPLC) - Dissolved									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	ND		0.0050		mg/L			11/12/25 19:10	1
Method: EPA 549.2 - Diquat and Paraquat (HPLC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diquat	ND		0.00040		mg/L		11/11/25 14:43	11/11/25 20:17	1
Method: EPA 1613B - Tetra Chlorinated Dioxin (HRGC/HRMS)									
Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		5.1		pg/L		12/02/25 08:07	12/04/25 20:01	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C-2,3,7,8-TCDD	68		31 - 137				12/02/25 08:07	12/04/25 20:01	1
Method: EPA 200.7 - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.016		0.010		mg/L			11/14/25 18:38	1
Calcium	10		0.50		mg/L			11/14/25 18:38	1
Magnesium	3.2		0.50		mg/L			11/14/25 18:38	1
Potassium	0.70		0.50		mg/L			11/14/25 18:38	1
SiO2, Silica	18 ^+		0.050		mg/L			11/26/25 15:32	1
Molybdenum	ND		0.020		mg/L			11/14/25 18:38	1
Co	ND		0.010		mg/L			11/14/25 18:38	1
Sr	0.044		0.0010		mg/L			11/14/25 18:38	1
Method: EPA 200.8 - Metals (ICP/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mo	ND		0.0010		mg/L			11/07/25 23:34	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Turbidity (EPA 180.1)	0.15		0.10		NTU			11/06/25 16:50	1
Hardness, Non-Carbonate (SM 2340)	5.0		0.10		mg/L			11/16/25 17:24	1
Ammonia as N (EPA 350.1)	0.013		0.010		mg/L			11/11/25 16:04	1
Nitrogen, Kjeldahl (EPA 351.2)	ND		0.20		mg/L		11/07/25 09:55	11/13/25 09:41	1
Orthophosphate as P (SM 4500 P F)	ND		0.010	0.010	mg/L			11/06/25 10:19	1
Total Suspended Solids (USGS I-3765-85)	ND		5.0		mg/L			11/10/25 15:25	1
Nitrate as N (SM Nitrate by calc)	0.34		0.0050	0.0050	mg/L			11/07/25 10:59	1
Nitrogen, Organic (EPA Nitrogen,Org)	ND		0.20		mg/L			11/13/25 17:33	1
Color (SM 2120B)	ND		5.0	5.0	Color Units			11/05/25 18:02	1
Odor (SM 2150B)	ND		1.0		T.O.N.			11/05/25 18:00	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	33.5		1.0		mg/L			11/11/25 10:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	ND		1.0		mg/L			11/11/25 10:37	1
Hydroxide Alkalinity (SM 2320B)	ND		1.0		mg/L			11/11/25 10:37	1
Phenolphthalein Alkalinity (SM 2320B)	ND		1.0		mg/L			11/11/25 10:37	1

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General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SM 2330B)	-1.5				SU			11/21/25 23:50	1
Specific Conductance (SM 2510B)	130		5.0		uS/cm			11/13/25 16:17	1
Total Dissolved Solids (SM 2540C)	88		10		mg/L			11/06/25 16:55	1
Total Solids (SM 2540G)	102		5.00		mg/L			11/07/25 18:05	1
Total Volatile Solids (SM 2540G)	25.0	H	5.00		mg/L			11/14/25 10:45	1
Carbon dioxide, Total (SM 4500 CO2 D)	30		0.50		mg/L			11/25/25 16:13	1
Carbon Dioxide, Free (SM 4500 CO2 D)	1.1		0.50		mg/L			11/25/25 16:13	1
pH (SM 4500 H+ B)	7.8	HF	0.01	0.01	SU			11/06/25 17:54	1
Temperature (SM 4500 H+ B)	16.7	HF	0.01	0.01	Celsius			11/06/25 17:54	1
Nitrite as N (SM 4500 NO3 F)	ND		0.0050	0.0050	mg/L			11/06/25 16:37	1
Nitrate Nitrite as N (SM 4500 NO3 F)	0.34		0.010	0.010	mg/L			11/06/25 16:37	1
Total Organic Carbon (SM 5310B)	1.3		0.15		mg/L			11/11/25 02:50	1
Tannin (SM 5550B)	0.11		0.10		mg/L			11/10/25 13:55	1
Phosphorus, Total (SM4500_P_F)	ND		0.010		mg/L		11/13/25 10:58	11/13/25 15:09	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon (SM 5310B)	1.3		0.50		mg/L			11/11/25 15:05	1